

New Jersey Department of Transportation QUALITY IMPROVEMENT ADVISORY

QUALITY MANAGEMENT SERVICES

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QIA No. QIA028

Approved: B. Strizki
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Subject: Use of NCHRP 350 Compliant Type III Barricades

Process Affected:

☐ Scope ☐ Design ☐ Right of Way ☐ Utilities ☐ Environmental ☐ Historic ☒ Construction

Bureaus Affected:

Division of Construction & Materials

Procedure(s) Affected:

Division of Construction & Materials

Nature of Problem(s):

The current Department standard for Type III Barricades does not pass NCHRP 350 crash testing as required by the FHWA. The 2001 Standard Input that is being developed requires that Type III barricades be NCHRP 350 compliant, and will apply to all projects that ***will be advertised on or after January 1, 2003***. In the interim, Type III barricades from contractors' current inventories that are not NCHRP 350 compliant may be used. However, newly purchased Type III barricades should be NCHRP 350 compliant.

Recommendation(s):

Until the new requirement takes place on January 1, 2003, for all NJDOT projects that are under construction, contractors may request to use NCHRP 350 compliant Type III barricades in place of the Type III barricades that meet current Department standards. A copy of the FHWA letter of approval must accompany the request to use these NCHRP 350 compliant Type III barricades. Resident Engineers should only approve contractors' requests if no additional costs are incurred by the Department as a result of the substitution.

The current Standard Construction Details for Type III barricades will be revised sometime prior to January 1, 2003 in order to reflect the new NCHRP 350 crash testing requirement.

Implementation: *Immediately*

Impact Assessment:

☐ Schedule ☒ Quality ☐ Cost ☐ Scope

Cost Impact:

N/A